

Top Ten Highest Historical Crests: Brandywine Creek at Wilmington

Latitude: 39.769

Period of Record: 1946-Present

Longitude: -75.573

Flood Stage: 16.5

Last Flood: 2/25/2016

Total Number of Floods: 25

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
5/1/2014	20.43	22,800	The boundary between the cold air and the warm moist air produced heavy rainfall and flooding from eastern VA NE through NJ. The surge of high PW air and strong winds over the cold front had the appearance of a Maddox synoptic type event.
8/28/2011	18.71	16,800	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
10/1/2010	17.69	-9,999	Tropical moisture ahead of a north-south frontal boundary interacted with the remnants of tropical storm Nicole to produce heavy rainfall throughout the Mid-Atlantic. Rainfall amounts of 4"-5" were common, with locally heavier amounts of up to 10".
3/11/2011	17.34	16,100	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.
2/25/2016	16.90	10,200	Three separate waves of low pressure ran along a front draped across our southern basins Feb 21-23. A rapidly moving squall line that dumped over two inches of rain in less than an hour as the associated low moved just west of the MARFC basins.
10/30/2012	16.70	9,550	Hurricane Sandy moved across NJ through PA producing 3 to 7 inches of rain with locally higher amounts in areas that saw flooding. The hurricane rapidly lost its tropical characteristics as it moved northwest.
9/8/2011	16.70	12,900	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
6/23/1972	15.49	29,000	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
9/17/1999	15.43	28,700	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.

Drainage Area: 314 sq mi

Gage Datum: 67.17 ft MSL

Brandywine Basin

County of Gage: New Castle

County of Forecast Point: New Castle

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
8/19/1955	13.89	17,800	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.

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Brandywine Basin

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County of Forecast Point: New Castle